Eliminate the Dangers of Silica Dust
Complying with OSHA’s silica dust standard
Efficient, Compliant Dust Control

In June 2016, OSHA released an updated standard that set a new, dramatically-reduced Permissible Exposure Limit (PEL) for silica dust, and it was on June 23rd 2018, that the enforcement for OSHA’s new silica dust rule for general industry and maritime began.

To combat the risks Silica Dust exposure produces, Nilfisk offers a range of products to maintain optimum air quality and create healthy environments throughout the various industries where Silica Dust is often present. Complying with OSHA’s housekeeping recommendations, Nilfisk industrial vacuums with DOP-tested HEPA filters capture 99.97% of particles down to 0.3 microns, and Nilfisk floor sweepers and scrubbers offer wet cleaning methods to limit exposure and support overall control plans.

Benefits of Industrial Scrubbers and Sweepers

Nilfisk scrubbers and sweepers are efficient, easy to use and built for the industrial environment. When addressing your written control plan, you can be confident in Nilfisk dust control to get the job done.

- Complete line of scrubbers for cleaning floors to help limit silica dust exposure
- Optional HEPA filter for SW8000 applications captures 99.97% of particles down to 0.3 microns, providing optimum protection from inhaled particles
- Combination (scrubber and sweeper) machines available for higher volumes of material
- Optional DustGuardTM captures fugitive dust at the side broom with a fine water spray, reducing airborne dust

Industries Affected by Silica Dust

- FOUNDRIES / STEEL CASTING
- CONSTRUCTION MATERIALS
- BUILDING & CONSTRUCTION
- OIL & GAS
- CERAMICS & GLASS
- HEAVY INDUSTRY

OSHA Required Engineering Controls:

- Local Exhaust Ventilation (LEV)
- Substitute materials
- Personal protective equipment (PPE)
- Dust containment systems
- Wet methods
- High efficient particulate air (HEPA) filtered equipment and vacuums
- Housekeeping procedures
- Written control plans

Benefits of Industrial Vacuums

Nilfisk industrial vacuums are reliable, simple to operate, easy to maneuver and require virtually no maintenance. They guarantee a thorough cleaning and collection so you get the job done right the first time.

- Control respirable dust with contaminant-free exhaust via HEPA/ULPA filtration that captures even the finest dust down to 0.3 microns
- Portable vacuum systems move easily throughout your facility
- Low noise level increases worker communication, comfort and compliance to noise exposure limits
- Easy dumping and safe handling of hazardous dust reduces worker exposure
- Vacuum-assisted power tools including sanders and grinders that capture hazardous dust at the source
- Safe collection & disposal of foreign object debris (FOD)
Get to Know the OSHA Standard
- select compliant, safe equipment for houskeeping

Applications:
- Pit and bulk area clean-up
- Overhead cleaning of pipes, beams, mezzanines
- Ready-mix concrete
- Cut stone and stone products
- Maritime
- Hydraulic fracturing for gas and oil
- Asphalt products manufacturing
- Glass manufacturing
- Landscaping
- Refractory products

Approved Housekeeping Methods
- HEPA-filtered vacuums
- Wet sweeping, including power sweepers with misting systems
- Dry Sweepers*
  *If wet sweeping, HEPA filtered vacuuming, or other methods that minimize the likelihood of exposure are not feasible.

DEADLINES
- Construction: September 23, 2017
- General Industry: June 23, 2018
- Hydraulic Fracturing: June 23, 2021
Nilfisk is a leading global provider of professional cleaning products and services.

The company was founded on a vision of producing and selling products of the highest quality worldwide and for more than a hundred years, Nilfisk has adapted to the changing needs of markets and customers with innovative products and solutions.

With a global sales force and proven sales channels, we have established strong and valuable customer relations and partnerships across the world and we strive to be at the forefront of technological advancement to drive future customer needs.

Today, Nilfisk offers an extensive range of premium cleaning products and a trusted aftermarket offering to the professional market.

Our main product lines are floorcare equipment, vacuum cleaners and high pressure washers and a wide range of domestic vacuum cleaners and high pressure washers to consumers worldwide.

Find more information on www.nilfisk.us.